

storing the image, including storing the information relating to the first orientation associated with the image;

determining a second orientation associated with the image capture unit at a display time corresponding to displaying the image after the image is captured, the second orientation capable of being different from the first orientation;

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Cont:
determining whether the first orientation is different from the second orientation; [and] displaying the image in the second orientation on the integrated display of the image capture unit; and

if the image capture unit is rotated to a third orientation during display of the image, the method further includes,

determining the third orientation of the image capture unit,
determining whether the third orientation is different from the second orientation, the first orientation, or both, and

rotating the image to be displayed in the third orientation if the third orientation is different from the second orientation.

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18. (Three Times Amended) A system for viewing images in an image capture unit comprising:

an image associated with a first orientation determined at capturing of the image, the image being a captured image;

means for storing the image, including storing information relating to the first orientation associated with the image;

a second orientation associated with the image capture unit determined at a display time corresponding to displaying the image after the image is captured, the second orientation capable



of being different from the first orientation, wherein it is determined whether the first orientation is different from the second orientation; [and]

a display, in the image capture unit, to display the image in the second orientation; wherein the image is rotated from the first orientation to the second orientation when the first orientation is different from the second orientation for viewing on the display of the image capture unit; and

if the image capture unit is rotated to a third orientation during display of the image, the system further includes,

means for determining the third orientation of the image capture unit,

means for determining whether the third orientation is different from the second orientation, the first orientation, or both, and

means for rotating the image to be displayed in the third orientation if the third orientation is different from the second orientation.

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~~20~~ (Twice Amended) The system of claim [19] 18, wherein the first orientation is a landscape orientation.

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~~21~~ (Twice Amended) The system of claim [19] 18, wherein the first orientation is a portrait orientation.

²¹
~~22~~ (Twice Amended) The system of claim [19] 18, wherein the second orientation is an orientation in which a horizontal axis of the image capture unit is substantially parallel to a surface of the earth.

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Cont.

~~22, 23.~~ (Twice Amended) The system of claim [19] 18, wherein the second orientation is an orientation in which a horizontal axis of the image capture unit is substantially perpendicular to a surface of the earth.

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~~23~~ ~~24.~~ (Three Times Amended) The system of claim [19] 18, further comprising an image orientation sensor for determining the second orientation associated with the image capture unit and the first orientation of the image.

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~~24.~~ ~~25.~~ (Twice Amended) The system of claim [19] 18, further comprising a buffer to store data associated with the image.

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~~25.~~ ~~26.~~ (Three Times Amended) The system of claim [19] ~~23~~ ²², further comprising a buffer to store data associated with the image.

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~~26~~ ~~27.~~ (Twice Amended) The system of claim [19] 18, wherein the image is resized to fit the display.

~~27~~ ~~28.~~ (Twice Amended) The system of claim [19] 18, wherein the image is cropped to fit the display.

~~28~~ ~~29.~~ (Twice Amended) The system of claim [19] 18, wherein data related to the image is stored in a buffer in a manner which allows the image to be displayed in the second orientation.

~~29~~ ~~30.~~ (Twice Amended) The system of claim [19] 18, wherein borders are displayed

between an edge of the image and an edge of the display.

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Icon

34 (Twice Amended) The system of claim [19] 16, wherein at least one graphic is displayed on the display.

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32 (Twice Amended) The system of claim [19] 18, wherein at least one icon is displayed on the display.

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32 (Twice Amended) The system of claim [19] 18, wherein at least one direction icon is displayed on the display.

33
34 (Three Times Amended) A digital camera capable of displaying an image having a first orientation, the digital camera comprising:

means for capturing the image [at capturing the image], the image having the first orientation at capturing of the image, the image being a captured image;
means for storing the image in a compressed format image and storing the first orientation;
means for determining a second orientation associated with the digital camera at a display time corresponding to displaying the image after the image is captured, the second orientation capable of being different from the first orientation;

means coupled with the determining means for comparing the first orientation and the second orientation;

means coupled with the determining means for rotating the image from the first orientation to the second orientation if the first orientation is different from the second orientation; [and]

an integrated display coupled with the rotating means for displaying the image in the second

orientation; and

if the digital camera is rotated to a third orientation during display of the image, the digital camera further includes,

the second orientation determining means determines the third orientation of the digital camera;

the comparing means determines whether the third orientation is different from the second orientation, the first orientation, or both, and

the rotating means rotates the image to be displayed in the third orientation if the third orientation is different from the second orientation.

~~44~~⁴⁰ (Amended) A method for viewing an image in an image capture unit including an integrated display, the method comprising the steps of:

determining a first orientation associated with the image at capturing of the image, the image being a captured image;

storing the image, including storing the information relating to the first orientation associated with the image;

determining a second orientation associated with the image capture unit at a display time corresponding to displaying the image after the image is captured, the second orientation capable of being different from the first orientation;

determining whether the first orientation is different from the second orientation; and
displaying the image in the second orientation on the integrated display of the image capture unit, [The method of claim 1] wherein the first orientation of the image is capable of being a landscape orientation or a portrait orientation, wherein the second orientation of the image capture unit is capable of being the landscape orientation or the portrait orientation, and wherein the

displaying step includes the steps of[:]

rotating the image to be in the landscape orientation if the second orientation is the landscape orientation and the first orientation is the portrait orientation[;],

rotating the image to be in the portrait orientation if the second orientation is the portrait orientation and the first orientation is the landscape orientation[;],

displaying the image in the landscape orientation if the first orientation and the second orientation are each the landscape orientation[;], and

displaying the image in the portrait orientation if the first orientation and the second orientation are each the portrait orientation.

41.
45. (Amended) A system for viewing images in an image capture unit comprising:
an image associated with a first orientation determined at capturing of the image, the
image being a captured image;

means for storing the image, including storing information relating to the first orientation
associated with the image;

a second orientation associated with the image capture unit determined at a display time
corresponding to displaying the image after the image is captured, the second orientation capable
of being different from the first orientation, wherein it is determined whether the first orientation
is different from the second orientation; and

a display, in the image capture unit, to display the image in the second orientation;
wherein the image is rotated from the first orientation to the second orientation when the
first orientation is different from the second orientation for viewing on the display of the image
capture unit, [The system of claim 18] wherein the first orientation of the image is capable of
being a landscape orientation or a portrait orientation, wherein the second orientation of the

image capture unit is capable of being the landscape orientation or the portrait orientation, and wherein[:]

the image is rotated to be in the landscape orientation if the second orientation is the landscape orientation and the first orientation is the portrait orientation[;],

the image is rotated to be in the portrait orientation if the second orientation is the portrait orientation and the first orientation is the landscape orientation[;],

the image is displayed in the landscape orientation if the first orientation and the second orientation are each the landscape orientation[;], and

the image is displayed in the portrait orientation if the first orientation and the second orientation are each the portrait orientation.

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~~46~~ (Amended) A digital camera capable of displaying an image having a first orientation, the digital camera comprising:

means for capturing the image, the image having the first orientation at capturing of the image, the image being a captured image;

means for storing the image in a compressed format image and storing the first orientation;

means for determining a second orientation associated with the digital camera at a display time corresponding to displaying the image after the image is captured, the second orientation capable of being different from the first orientation;

means coupled with the determining means for comparing the first orientation and the second orientation;

means coupled with the determining means for rotating the image from the first orientation to the second orientation if the first orientation is different from the second orientation; and

an integrated display coupled with the rotating means for displaying the image in the

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cont.

second orientation, [The digital camera of claim 34] wherein the first orientation of the image is capable of being a landscape orientation or a portrait orientation, wherein the second orientation of the image capture unit is capable of being the landscape orientation or the portrait orientation, and wherein[:] the rotating means further rotates the image to be in the landscape orientation if the second orientation is the landscape orientation and the first orientation is the portrait orientation, rotate the image to be in the portrait orientation if the second orientation is the portrait orientation and the first orientation is the landscape orientation[;], display the image in the landscape orientation if the first orientation and the second orientation are each the landscape orientation[;], and display the image in the portrait orientation if the first orientation and the second orientation are each the portrait orientation.

Please cancel claims 41, 42, and 43.

REMARKS

Claims 1-18 and 20-40 are pending in the application. Claims 1-18 and 20-40 are rejected. Claims 41-46 are objected to. Applicants have amended claims 1, 18, 20-33, 34, 44, 45, and 46. Applicants have cancelled claims 41-43. Accordingly, claims 1-18, and 20-40, and 44-46 are pending in the application.

Applicants have amended claims 20-33 to recite proper claim dependencies.

Applicants acknowledge and appreciate the Examiner's remarks that claims 41-46 would be allowable if re-written in independent form including all of the limitations of the base claim and any intervening claims. Accordingly, Applicants have amended claims 1, 18, 34, 44, 45, and 46 to include allowable subject matter in accordance with the Examiner's statement regarding

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